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ΟΛΥΜΠΙΑ ΔΩΜΕΤΑ.

OR,

An Almanack and Prognostication
for the year of our Lord, 1656.

Being Bissextile or Leap-year, and from
the Creation of the World, 5605.

Wherein is contained the state of the whole
year, the Eclipses, Lunations, Conjunctions,
and Aspects of the Planets, with the South-
ing, Rising, and Setting of the Sun, Moon and
fixed Stars, every day in the year. Together with
short Directions to find the hour of the Day and Night
at all times, without Instrument; with other Observations
very requisite for men of all sorts.

Calculated according to Art for the Meridian
and Latitude of North-Luffenham in
Rutland, where the Pole-Artique is elevated 52.
deg. 40. min. lying from the Meridian of London
Westward 0. deg. 45 min.

By Vincent Wing, Mathemat.

*O quam juvabat (quo nihil majus Parens
Natura genuit, operis immensi artifex)
Caelum intueri, Solis & cursus sacros,
Mundique Motus, Solis alternas vices,
Orbemque Phæbes, Astra quæ cingunt vaga,
Lateque fulgens ætheris magni decus.*

Seneca in Octavia, Act. II. Sc. I.

LONDON,

Printed by J. L. for the Company
of Stationers, 1656.

Common Notes observable for this present year

1656. according to

The Julian, English, or } The Gregorian, Foreign;
old account. } or New account.

4	The Golden Number,	4
13	The Cycle of the Sun	13
4	The Epact	4
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9	The Roman Indiction	9
16	The Number of Direction	19

A Table shewing when the Terms begin and end, with the number of their Returns, and day of the Month whereon they will be this present year, 1656.

Hilary Term begins the 13. of January, and ends the 12. of February: and hath 4. Returns, viz.	Octab. Hil a ii	Janu.	25
	Quind. Hil a.	Janu.	28
	Craft. Purif.	Febr.	4
	Octab. Purif.	Febr.	9
Easter Term begins the 13. of April, and ends the 19. of May, and hath 5. Returns, viz.	Quind. Pasche	April	21
	Tres Pasche	April	23
	Mense Pasche	May	5
	Quinq. Pasche	May	12
	Craft. Ascens.	May	16
Trinity Term begins the 6. of June, and ends the 25. of the same, and hath 4. Returns, viz.	Craft. Trin.	June	2
	Octab. Trin.	June	9
	Quind. Trin.	June	16
	Tres Trin.	June	23
	Tres Michael.	Octob.	20
Michaelmas Term begins the 23. of October, and ends the 28. of November, and hath 6. Returns, viz.	Mense Michael.	Octob.	27
	Craft. Animar.	Nov.	3
	Craft. Mart.	Nov.	12
	Octab. Mart.	Nov.	18
	Quind. Mart.	Nov.	25

The Golden Planet Venus is a bright morning Star from the beginning of the year, untill the 2. day of September, at which time she is in Conjunction with the Sun, in respect of the Earth, and from thence she is a glittering evening Star, till Midsummer day the next year, 1657.

Veneris ingens Sidus, cum ante graditur Solem παρπαρὸς Græcè, Lucifer Latine dicitur: Cum verò subsequatur, & ab occasu resurgat, Vesper, Vesperugo & Iovipos appellatur.

A Table, shewing the Bearing, Distance and Longest day, and difference of the Meridians, of divers of most of the chiefest Cities in the World, from the famous City of London.

The Names of the places.	The way or point of bearing.	Their distant miles.	Longest Day.	Differ. of Meridians.
Alexandria in <i>Ægypt</i>	S. E. by E.	2169	14 0 2	42. A
Amsterdam in Holland	E. by N.	266	16 40 0	28. A
Athens in Greece	S. E. by E.	1624	14 40 0	56. A
Antwerp in Brabant	East <i>ferè</i>	248	16 28 0	24. A
Antioch	East So. East	2319	14 26 3	16. A
Barwick	North <i>ferè</i> .	267	17 24 0	2. A
Babylon	Ea. So. East.	2724	14 25 3	56. A
Burdeaux in France	South <i>ferè</i>	360	15 25 0	8. S
Bethsaida	Sou. Ea. by Ea.	2309	14 6 2	29.
Calicute in East India	Sou. Ea. by Ea.	5214	12 20 6	8. A
Cambridge	North <i>ferè</i> .	44	16 34 0	1. A
Calice in France	East by Sou.	86	16 25 0	9. A
Constantinople	Ea. So. Ea.	1547	15 15 2	24. A
Charon in Mesopotamia	East So. East	2466	14 30 3	36. A
Dublin in Ireland	No. W. by W.	296	17 15 0	26. S
Dantzick	East No. East	961	17 5 1	44. A
Damascens	East So. East	2404	14 15 3	16. A
Edinborge in Scotland	North.	328	17 40 0	0
Ephesus	East, So. Ea.	1808	14 40 2	30. A
Florence	South East.	802	15 10 0	57. A
Francford	East. <i>ferè</i>	448	16 15 0	47. A
Fesse	So. So. West.	1365	14 0 0	39. S
Hamburge	East, Nor. Ea.	538	18 0 0	56. A
Hierusalem	Sou. Ea. by E.	2352	14 8 3	3. A
Island	No. No. West	930	21 44 0	52. S
Joppa	Sou. Ea. by E.	2338	14 6 3	2. A
Lake of Sodom	Sou. Ea. by E.	2409	14 4 3	8. A
Lisborne in Portugall	So. So. West	985	14 45 1	0. S
Middleburgh in Zeland	East	205	16 30 0	20. A
Mentz in Germany	East	420	16 25 0	45. A
Millan	So. East <i>ferè</i>	645	15 22 0	48. A
Morocco in Barbary	So. So. W.	1449	14 0 0	59. S
Mexico	W. by Sou.	6844	13 20 9	28. S

The names of the places.	The way or point of bearing.	Their distan. miles.	Longest day. Ho. min.	Differ. of Mridlan Ho. min.
<i>Naples</i>	Sou. Ea. by E.	1051	14 50 1	16. A
<i>Nineweb</i>	Ea. Sou. East.	2635	14 30 3	52. A
<i>Paris in France</i>	South, So. Ea.	215	15 57 0	10. A
<i>Philippus in Macedonia</i>	Ea. So. East.	1395	15 10 2	3. A
<i>Praque in Bohemia</i>	East <i>seve</i> .	700	16 15 1	14. A
<i>Quinzoy, the greatest City in the world.</i>	East by Sou.	7272	13 35 11	28. A
<i>Rome</i>	Sou. E. by E.	887	15 4 1	7. A
<i>Spiers</i>	E. by Sou.	430	16 20 46	A
<i>Strawborow</i>	Ea. by South.	432	16 02 41	A
<i>Toledo in Spain</i>	Sou by West.	934	14 36 0	36. S
<i>Troy</i>	E. So. East.	1605	15 02 24	A
<i>Tumbes</i>	So. W. by W.	6049	12 15 6	56. S
<i>Venice</i>	East So. East	744	15 28 1	3 A
<i>York</i>	North	150	17 00 0	
<i>Casaria in Cappadocia</i>	East Sou. East.	1064	14 50 3	6 A
<i>Cleue</i>	East.	303	16 36 0	32 A
<i>London</i>		016	26 00 0	

To find the time of the Suns rising and setting, and length
of the Day and Night.

IN the third Columnne of the Almanack I have set down the
time of the Suns setting every fourth or fifth day, but if
you would have his setting every day, you must make propor-
tion for the intermediate dayes. As upon the first of March, I find
the Sun sets at 5, and 43. min. the 6 day at 5 and 53 min. the diffe-
rence therefore of the Sun setting in 5. daies is 10 minutes. So that
every day gets 2 minutes. Therefore should his setting be re-
quired on the fourth day (which is three dayes after the first)
I must adde 6 minutes to 5 hours 43 minutes and I have the
time of the Suns setting on the fourth day, at 5 a lock and
49 minutes which doubled, giveth the length of the day 11
hours 38. minutes or if you Subtract it from 12 you shall have 6
hours 11 min. for the time of the Sun Rising, which being doubled
gives 12 hours 22 min for the length of the night,

According to this Example may you find the Suns-Rising
and Setting, and length of the Day and Night all the year
throughout, with much ease, and exactnesse.

To

To find the time of the Moons coming to the South.

In the following Table you have the Moons coming to the South point ready set down against the day of the Moneth, therefore find your moneth in the top of the Table, & your day in the first row on the left hand under the title dayes, & in the Angle of meeting, you have the houre and min. of her Southing desired.

As upon the 25. of January, I find that the Moon will be South at 6 a clock & 40. min. in the after noon; therefore if you see her that evening in the South, you may conclude that to be the houre of the night. But if you see her in the 11. a clock stead, it is no more then 5. a clock and 40. minutes; if in the 10 a clock stead, but 4 a clock and 40 minutes, &c. Again, admit the same night you should see her in the 1. a clock stead, it is then 7. a clock and 40. min. if in the 2. a clock stead, 8. a clock and 40. min.

Thus by observing these short directions, you may (by the help of a Sun-Diall) discover the Night houre at all times, if the Moon shine: But because she is not alwayes seen, I have inserted short Rules, in the later part of the Almanack, how you may learn the Night-houre by the Stars, which is of excellent use, and so easie, that every one may understand it.

To know when the Moon riseth and setteth.

The rising and setting of the Moon is a thing most necessary to be known, which though it be something troublesome to Calculate, yet the use thereof being of such importance, that it may well merit my labour, and the Readers observation; and to that end, I have (in the last Columnne of the left hand page of the Almanack) set down the Nocturn rising and setting of the Moon; namely, her rising from the Full Moon to the New Moon, and her setting from the New Moon to the Full Moon.

When therefore its required to know at what houre & minute the Moon riseth or sets, you must cast your eye upon the fifth Columnne of the Almanack, under the title, The Moons rising, and setting, and right against the day of the moneth, you will find what you desire, without any further trouble.

As upon the second day of February, you may there see that the Moon riseth at 8. a clock and 31 min. at night, the 3. day, at 10. and 7. min. and the 4. day at 11. a clock and 34. minutes.

So also (after the New Moon) I seek her setting the 16. day of the same moneth, which in the same Columnne, I find at 7. a clock and 10. min. the 17. day at 8. a clock and 26. min. and the 18. day at 9. and 40. min. &c.

There is great alteration in the Moons rising and setting, for sometime she riseth 3. or 4. nights neerer together, and sometime again she differs an houre and a half in a night, and therefore the Common Rules, (which suppose her to go back every night about 3. quarters of an hour) will not come near the truth. Therefore my worthy friend master Thomas Hewitt hath also taken the pains to Calculate her rising and setting, which he hath exactly done, according to Art, for the benefit of his Countrey.

A Table shewing the houre and minute of the
Moons coming to the South the first fix
moneths of this year, 1656.

Days	January. hou.min.	February hou.min.	March. hou.min.	April. hou.min.	May. hou.min.	June. hou.min.
1	12 A 5	mor. 39	mor. 17	1 M 39	2 M 14	3 M 20
2	mor. 5	1 32	1 8	2 34	3 6	4 4
3	1 8	2 23	1 57	3 28	3 56	4 46
4	2 7	3 14	2 50	4 20	4 44	5 28
5	3 1	4 5	3 44	5 11	5 30	6 7
6	3 5	4 55	3 38	6 0	6 13	6 50
7	4 4	5 48	4 30	6 46	6 54	7 35
8	5 29	6 40	5 21	7 32	7 37	8 21
9	6 17	7 30	6 11	8 15	8 19	9 11
10	7 6	8 19	7 57	9 56	9 2	10 5
11	7 55	9 8	8 43	9 40	9 48	10 2
12	8 45	9 55	9 27	10 23	10 36	A 2
13	9 36	10 41	10 11	11 8	11 29	1 3
14	10 24	11 25	11 54	11 55	0 A 24	2 3
15	11 11	0 A 4	12 36	0 A 44	1 24	3 2
16	11 58	0 50	0 A 21	1 37	2 23	3 5
17	0 A 44	1 33	1 6	2 34	3 22	4 48
18	1 26	2 16	1 54	3 31	4 20	5 39
19	2 9	3 1	2 54	4 29	5 15	6 28
20	2 51	3 47	3 43	5 28	6 7	7 16
21	3 33	4 37	4 30	6 25	7 57	8 5
22	4 15	5 32	5 27	7 18	8 44	9 53
23	5 0	6 27	6 27	8 12	9 34	10 44
24	5 48	7 26	7 25	9 2	10 23	11 36
25	6 40	8 27	8 22	9 52	10 12	11 29
26	7 36	9 28	9 18	10 43	11 3	12 21
27	8 36	10 27	10 13	11 32	11 57	mor. 21
28	9 38	11 22	11 5	12 24	12 51	1 11
29	10 40	12 17	11 56	mor. 24	mor. 51	1 56
30	11 41		12 47	1 20	1 45	2 40
31	12 39		mor. 47	2	34	

**A Table, shewing the houre and minute of the
Moons coming to the South the last six moneths
of this year 1656.**

Days	July.	August.	Septem.	Octob.	Novem.	Decemb.
	ho. min.	ho. min.	ho. min.	ho. min.	ho. min.	ho. min.
1	3 M 21 4	M 4 5	M 26 6	M 19 7	M 5 8	M 8
2	4 14	49 5	22 7	16 8	42 8	58
3	4 43 5	39 7	19 8	10 9	33 9	51
4	5 24 6	32 8	17 9	4 10	25 10	4
5	6 8 7	27 9	18 9	58 11	18 11	41
6	6 55 8	26 10	15 10	50 0	A 1 0	A 34
7	7 47 9	27 11	10 11	43 1	8 1	28
8	8 42 10	26 0	A 3 0	A 37 2	4 2	18
9	9 41 11	26 0	58 1	32 2	59 3	7
10	10 42 0	A 2 1	50 2	28 3	51 3	50
11	11 42 1	17 2	43 3	23 4	40 4	33
12	12 42 2	10 3	40 4	19 5	26 5	14
13	1 A 40 3	2 4	34 5	11 6	8 5	51
14	2 35 3	54 5	28 6	4 6	50 6	35
15	3 27 4	47 6	19 6	51 7	31 7	17
16	4 18 5	40 7	10 7	34 8	11 8	1
17	5 9 6	33 8	0 8	16 8	53 8	51
18	5 58 7	2 8	47 8	59 9	37 9	35
19	6 47 8	15 9	30 9	39 10	25 10	34
20	7 39 9	5 10	14 10	20 11	12 11	3
21	8 31 9	53 10	56 11	3 2	7 12	31
22	9 22 10	40 11	37 11	49 mor.	7 mor.	31
23	10 14 11	21 12	21 12	37 1	4	31
24	11 4 12	6 mor.	21 mor.	37 2	3 1	28
25	11 50 mor.	6 1	5 1	51 3	0 3	20
26	12 35 0	47 1	51 2	28 2	56 4	11
27	mor. 35 1	29 2	40 3	24 4	51 5	2
28	1 18 2	11 3	33 4	20 5	4 5	51
29	1 59 2	57 4	28 5	15 6	30 6	4
30	2 40 3	44 5	34 6	9 7	18 7	34
31	3 22 4	33 1	7	0	18	26

January hath xxxi dayes.

- Full moon the 1 day, 35 min. past 8 a clock at night.
- ☾ Last quarter the 8 day, 6 min. past 1 in the afternoon.
- New moon the 16 day, 52 min. after high noon.
- ☾ First quarter the 24 day, 20 min. past 1 in the afternoon.
- Full moon the 31 day, at 7 a clock in the morning.

Holy and festival days, with Sun. (et.)		Moons Sign.	The Planets Aspects, & change of ayr. &c.	Moons Rising & Setting.
1	New year day	Can. 16	☐ h ☉ 10 p. frost	Full ☾
2	b Sun fer 3.55	Leo 1	and snow, sometime	5 A 5
3	c Enoch.	Leo 16	☐ ☉ h 9 a clearing,	6 38
4	d Mathus.	Virg 1	and after snow again.	8 7
5	e Simeon	Virg. 16	The 5 Cloudy.	9 32
6	f Twelfth day	Libr. 6	Variable. Q ☉ ☽	11 12
7	g Sun fer 4. 1	Libr. 14	More warm, * ☽ ☽.	12 41
8	a Erhard	Libr. 28	Some raie or snow	mo. 41
9	b Terra in ♌	Scor. 11	☽ ☽ 10 p. is promised.	1 55
10	c Paul Er.	Scor. 24	'Tis bad weather and	3 7
11	d Hyginus	Sagit. 6	a dangerous Season, e.	4 21
12	e Archard	Sag. 18	very thing goes cross,	5 30
13	f 1 Sun af. Ep.	Capr. 6	cold and cloudy.	6 28
14	g Foelix	Capr. 12	☐ ☽ D 3 p. Warmer.	7 15
15	a Maurice	Capr. 24	Overcast, ☐ ☽ D 10 a.	7 40
16	b Marcel.	Aqua. 6	finde and cloudes, if	New ☾
17	c Antonius	Aqua. 18	not snow, and a sad	5 A 4
18	d Prisca	Pisc. 6	☐ h ☽ 6 a. ☐ h ☽ 8 p.	6 42
19	e Sun fer 4. 21	Pisc. 12	face of Heaven, for	7 52
20	f 2 Sun. af. Ep	Pisc. 24	some dayes. Raine,	9 8
21	g Agnera.	Ari. 6	☐ ☉ ☽. More serene.	10 28
22	a Vincentius	Ari. 18	Warm, ☐ ☽ D 11 p	11 43
23	b Term begins.	Tau. 1	Variable, ☐ ☽ D 2 a.	12 58
24	c Sun fer 4. 30.	Tau. 14	Indifferent weather,	mo. 58
25	d Conv. Paul.	Taur. 27	Bq. ☐ h, Some small	2 20
26	e Polycarp.	Gem. 11	moisture, Vc h ☽	3 41
27	f 3. Sun. af. Ep.	Gem. 25	Dark, temperate.	4 56
28	g Sun fer 4 37	Canc. 9	Some moist and cold	5 56
29	a Theodor. p.	Canc. 24	weather. Q ☽ ☽.	6 38
30	b Hippol.	Leo 9	Snow, is to be ex-	7 8
31	c Sun fer 4. 42	Leo 24	☐ ☽ ☽ 4. p. specked.	Full ☾

Moons Rising.

Moons Setting

The 5. day at 12. at night, Saturn
 The 11. day at midnight, Venus
 The 14. day at 12. night, Mercury
 The 22. day at 3. afternoon, Mars
 The same day at 11. night, Jupiter
 The 25. day. at 8. morn. the 7. Stars.

}

is with the Moon.

On Thursday the 31 day in the Evening may be seen in the South-west, a notable conjunction of Jupiter and Mars in 25 deg: 25 min. of the fiery sign Aries, the Ascendant of England, Mars being superior both in respect of Latitude, House, and Term, which denotes many evil accidents, as war, contention, and blood-shed: from which good Lord defend England.

D. ho. min. *Full Sea at London-bridge.*

1	2	M.	8
2	3		12
3	4		15
4	5		13
5	6		7
6	6		57
7	7		47
8	8		35
9	9		23
10	10		12
11	11		1
12	11		51
13	12		42
14	1	A	30
15	2		17
16	3		4
17	3		50
18	4		32
19	5		15
20	5		57
21	6		39
22	7		21
23	8		6
24	8		54
25	9		46
26	10		42
27	11		42
28	12		44
29	mor.		44
30	1		46
31	2		47

Day 8 hours;

Day 8 hours 30 m.

Day 9 hours.

February hath xxix. Dayes.

- ☾ Last quarter the 8 day 35 min. past 3 in the morning.
 ● New moon the 15 day 44 min. past 7 in the morning.
 ☾ First quarter the 23 day, 4 min. past 1 in the morning.
 ● Full moon the 29 day 56 min. past 4 at night.

☾ ☽	Holy & Festival days, with Sun set	Moons Sign.	The Planets Aspects, & change of ayr, &c.	Moons Rising & Setting.
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1	d	Sun set 4. 45.	Virg. 10	The weather indif-	6 A 59
2	e	Purif. Mary	Virg. 24	Td ♀ ferent good	8 31
3	f	Septuages.	Libr. 9	considering the time.	0 7
4	g	Gilbert.	Libr. 23	Frosty ♂ ♀ & ♂ ♂	11 34
5	a	Agatha	Scorp. 7	Fretting * ♀ ♀ 6 p	12 53
6	b	Sun set 4. 55.	Scor. 20	winde. and clouds.	mo. 53
7	c	Zacharias	Sag. 3	* ♀ ♀ 6 a. variable	2 9
8	d	Salom.	Sag. 15	High & cold winds	3 15
9	e	Apollon.	Sag. 27	♂ ♂ ♀ 1 p. from the	4 6
10	f	Septuagesima	Capr. 9	South, or S. West.	4 48
11	g	Sun set 5. 5.	Cap. 21	Much preparation	5 16
12	a	Terminde.	Aqua. 3	about nothing.	5 46
13	b	Agabus	Aqua. 15	♂ Vac. chrym.	6 8
14	c	Valentine	Aqua. 27	Fair and clear,	6 24
15	d	Fauſtin.	Pisc. 9	△ h ♀ 3 p. moist air	New 10
16	e	Sun set 5. 15	Pisc. 21	Cold and cloudy.	7 A 10
17	f	Shrove Sund.	Aries 3	* ♀ ♀ 7 a Gentle air.	8 26
18	g	Concord.	Aries 15	Wind and clouds,	9 40
19	a	Shrove-Tues.	Aries 28	♂ ♀ 10 a. if not snow	10 55
20	b	Ashwednesd.	Taur. 11	Frost like. ♂ ♂	12 10
21	c	Sun set 5. 25	Taur. 24	Winterly weather.	no. 10
22	d	Cath. P.	Gem. 7	more mild and tem-	1 20
23	e	Serenus.	Gem. 20	□ ♀ ♀ 7 p. perate	2 28
24	f		Canc. 4	weather. * ♀ ♀ 3. a	3 25
25	g	Matthias Ap.	Canc. 19	* h ♀ 2 p. Cloudy,	4 10
26	a	Sun set 5. 35.	Leo 3	Cold wind & cloud	4 43
27	b	August. Ep.	Leo 18	* ♀ ♀ 3. bringing	5 12
28	c	Leander.	Virg. 3	♂ h ☉. o. Snow or	5 36
29	d	Roman.	Virg. 18	rain, ♂ h ♀ 3. p. Full	6 36

Moon-Rising

Moons-Setting

The 2 day at 6 morn. Saturn

The 10 day at 11 night Venus

The 15 day at 8 night, Mercury

The 19 day at 6 morn. the 7 Stars

The same day at 2 aftern. Jupiter

The 20 day at 8 morn. Mars

The 29 day at 3 afternoon. Saturn.

} is with the Moon.

Morning Star riseth the first day at 4 ho. 39 min.

D.	hou.	min.		Full Sea at London-bridge
1	3	M	45	Day 9 ho. 30 min.
2	4		38	
3	5		29	
4	6		20	
5	7		11	
6	8		1	
7	8		54	
8	9		46	Day 10 hours.
9	10		36	
10	11		25	
11	12		14	
12	1	A	1	
13	1		47	
14	2		31	
15	3		13	
16	3		56	Day 10 ho. 30 min.
17	4		39	
18	5		22	
19	6		7	
20	6		53	
21	7		43	
22	8		38	
23	9		33	Day 11 hours.
24	10		32	
25	11		33	
26	12		34	
27	mor.		33	
28	1		33	
29	12		28	

March hath xxxi. dayes.

- ☾ Last quarter the 7 day, at 8 a clock and 3 min. at night.
 ☾ New moon the 16 day, 26 min. before 1 in the morn.
 ☾ First quarter the 23 day, 43 min. past 9 in the morning.
 ☾ Full moon the 30 day, 44 min. past 2 in the morning.

Holy and festival days, with Sun set.	Moons Sign.	The Planets Aspects, & change of ayr, &c.	Moons Rising & Setting.
1 Sun set 5. 43	Libra 3	♂ ♀ D 11 p. Windy	7 A 36
2 Sun.in Lent	Libr. 17	Good weather for	9 6
3 Maurice	Scorp. 1	the most part of	10 30
4 Adrian.	Scor. 15	these dayes, ♂ ♂ D	11 48
5 Eusebius	Scor. 29	Haile or cold rain	12 12
6 Sun set 5. 53	Sag. 11	♂ Digr. Max, à Sole.	mo. 12
7 Felicitas	Sag. 24	follows, Δ h ♂ 3 a.	1 16
8 Cyprian	Capr. 6	A frosty morning.	2 23
9 3 Sun.in Lent	Capr. 18	Δ ♂ D 8. p. Cleere.	3 30
10 Earth in ♌	Aqua. 0	Some moisture the	3 58
11 Sun set 6. 3	Aqu. 11	11 day, Vc. h ♀.	4 26
12 Gregory	Aqu. 23	Faire, □ ♂ D 11 a	4 40
13 Erneſtus	Pisc. 5	D Apog. Seasonable,	4 57
14 Eurich.	Pisc. 17	Cold and Cloucy.	5 10
15 Sun set 6. 11	Aries 0	♂ passing by the	New
16 4 Sun.in Lent	Aries 12	Pleades, portend-	7 A 33
17 Gertrud.	Aries 25	eth a moist and	8 52
18 Edwardus	Taur. 8	□ ♂ ♀ 1 a. Cloudy	10 7
19 Sun set 6. 20	Taur. 21	Season, Hasty rain	11 26
20 Cuthbert	Gem. 4	Warm □ ♀ D 2 a.	12 28
21 Benedic.	Gem. 17	Flying Clouds,	mo. 28
22 Paulinus	Canc. 1	* ♀ D h ♂ High	1 24
23 5 Sun in Lent	Canc. 1	♂ ♂ ♀ 1 p. winds	2 10
24 Sun set 6. 30	Canc. 29	More remis.	2 49
25 Annun. Mary	Leo 13	D Perig. Cleering.	3 17
26 Cassulus.	Leo 27	Warm, * ♀ 11 p.	3 43
27 Jo. Erem.	Virg. 12	Rain or flect.	4 3
28 Gideon	Virg. 27	Δ ♂ D 11 p. Warne,	4 20
29 Sun set 6. 40	Libra 11	Some gentle wind,	4 31
30 Palm-Sund.	Libra 25	Temperate and	Full
31 Adelm.	Scor. 10	SS. ♀ ♀. Faire.	8 A 45

The 11 day at 11 before noon, Venus

The 16 day at 11 night, Mercury

The 18 day at 7 morn. Jupiter

The 19 day at 8 night the 7 stars

The 20 day at 1 morn. Mars

The 28 day 9 night, Saturn

} is with the Moon.

The first day the morning star riseth at 4 ho. 47. m.

D. ho. min. Full Sea at London-Bridge.

1 3 M. 23

2 4 14 Day 11. ho; 30. min.

3 5 3

4 5 56

5 6 50

6 7 44

7 8 36

8 9 27

9 10 17

10 11 3

Equall day and night.

11 11 49

12 12 33

13 1 A 17

14 2 1

15 2 42

16 3 27

17 4 13

18 5 0

19 5 49

20 6 43

21 7 36

22 8 33

23 9 33

24 10 31

25 11 28

26 12 24

27 mor. 24

28 1 19

29 2 11

30 3 2

31 3 53

The 9 day at 7 ho. 32 m. afternoon the Earth
enters Σ , the \odot seeming to touch the opposite Point
V, making the Day 12 ho. and the Night 12. ho.

Day 12 hours 30. min;

Day 13. hours.

Day 13 hours 30 m.

April hath xxx dayes.

- ☾ Last quarter on Easter day, 27. min. past 2. afternoon.
- New moon the 14. day, 30 min. past 2. in the afternoon.
- ☾ First quarter the 21 day, 2. min. past 2. in the after noon.
- Full moon the 28 day, at 1 a clock in the afternoon.

Day	W.D.	Holy & festival days, with Sun set.	Moons Sign.	The Planets Aspects, & change of ayr, &c.	Moons Rising & Setting.
1	B	Sun set 6.46	Scor. 23	Pretty seasonable.	10A58
2	a	Mary Æg.	Sag. 7	*♂♀8.p Gentle wind	12 1
3	b	Christian.	Sag. 19	About this time ismo.	1
4	c	Ambrose	Capr. 2	♂ ♀ 10. p. like too	50
5	d	Sun set 6.54	Capr. 14	be cold rain.	1 35
6	e	Easter day	Capr. 26	In Easter week let	2 4
7	f	Egesippus	Aqua. 8	us hope for better.	2 30
8	g	Perpetuus	Aqua. 20	☾ Apog. Weather	2 53
9	a	Albinus	Pisc. 1	Indifferent.	3 10
10	b	Sun set 7.3.	Pisc. 13	Mel in ore, fel in corde.	3 24
11	c	Leo Pap.	Pisc. 25	The 10 rain-like.	3 36
12	d	Julius	Aries 8	♂ ♀ ☾ o. Murable.	3 46
13	e	Low-Sunday	Aries 21	Seasonable.	3 55
14	f	Giburt.	Taur. 4	♂ ♀ ☾ 14. Fair	New
15	g	Sun set 7.12	Taur. 17	and temperate.	9A12
16	a	Carisius	Gem. 0	Some stormes of	10 24
17	b	Cosmy.	Gem. 14	☐ h ♂ 10 p. Rain	11 30
18	c	Valerian	Gem. 28	SS ♀ and hail & in	12 22
19	d	Sun set 7.20	Canc. 12	some places thunder.	mo. 22
20	e	2. Sun. af. Ea.	Canc. 25	♀ In Elong. Maximā	0 55
21	f	Adelar	Leo 9	☐ h D 2 p. The wind	1 35
22	g	Sother vir.	Leo 23	♂ ♀ ☾ 10 p is high	2 11
23	a	S. George	Virg. 8	Term begins, purg-	2 24
24	b	Sun set 7.29	Virg. 22	ing the Aire.	2 34
25	c	S. Mark	Libra 6	Some close, cold and	2 44
26	d	Clete	Libra 20	△ ☉ h 9 a. backward	2 55
27	e	3. Sun af. Ea.	Scor. 4	weather. SS ♀ ♀.	3 8
28	f	Vital.	Scor. 18	No great alteration	Full
29	g	Sun set 7.37	Sag. 1	Vc h ♀ some clouds	9A 41
30	a	Ioshua	Sag. 15	Temperate.	10 44

Moons-Setting.

Moons-Rising.

Ri.

The 10 day at 11 morning, Venus
 The 12 day at noon Mercury
 The 15 day at 2 morn. Jupiter
 The 17 day at 4 afternoon, Mars
 The 24 day at 3 morn. Saturn
 The 26 day at 10 morn. Spica m

} is with the Moon.
 }

Morning Star riseth the first day at 4 ho. 18 m. Saturna opposeth her, But Sol and Jupiter are
 in close Consultation, about rectifying the exorbitances of the Infant : Surely Justice
 will most plenteously stream forth into all quarters of the Land, to the terrour of the offen-
 der, and abundant good of the Nation.

D. ho. min. Full Sea at London-bridge.

1	4	M	45
2	5		40
3	6		34
4	7		26
5	8		17
6	9		6
7	9		52
8	10		38
9	11		21
10	12		2

Day 14, hours.

11	0	A	46
12	1		29
13	2		14
14	3		1
15	3		50
16	4		43
17	5		40
18	6		37
19	7		35
20	8		34
21	9		31
22	10		24
23	11		18

Day 14 ho. 30 m.

24	12		8
25	mer.		8
26	0		58
27	1		49
28	2		38
29	3		30
30	4		26

Day 15 hours.

May hath xxxi dayes.

- ☾ Last quarter the 6 day, 54 min. past 8 in the morning.
- New moon the 14 day, 38 min. past 1 in the morning.
- ☾ First quarter the 20 day, 19 min. past 9 in the evening.
- Full moon the 27 day, 34 min. past midnight.

K U	A C	Holy & festival days, with Sun set.	MOONS Sign.	The Planets Aspects, & change of ayr, &c.	MOONS Rising & Setting.	
1	b	Phil. & Jac. Sag.	27	Vnconstant, ☿ ☿ D	11 A	31
2	e	Sun set 7. 43. Capr.	10	Some haile stormes	12	2
3	d	Invent. Cru. Capr.	22	overcast and incli.	mor.	2
4	e	4. Sun af. Ea. Aqua.	4	Bq h ☿ ning to rain.	0	32
5	f	Gothar. Aqua.	16	D Apog. Faire.	0	56
6	g	Joh. ante P. Aqua.	28	△ h ☿ o. Haile.	1	15
7	a	Sun set 7. 51	Pisc.	9 Variables, * D ☿ 5 a.	1	29
8	b	Stanislaus	Pisc.	21 Something turbulent	1	46
9	c	Job	Aries	3 A warm day.	1	57
10	d	Pancrat.	Aries	16 Then temperate.	2	8
11	e	Rogation-S.	Aries	29 'Tis a miserable world,	2	18
12	f	Sun set 7. 57	Tau.	12 void of all Chari. when	2	35
13	g	Servatius	Tau.	25 SS. ☿ ☿, men labour	3	2
14	a	Fortuna	Gem.	9 nothing but to enrich	New	☾
15	b	Ascension day	Gem.	23 themselves and ruina	10 A	5
16	c	Peregrin.	Can.	8 others. The 12. 13. 14.	11	1
17	d	Sun set 8. 4.	Can.	22 winde and clouds.	11	37
18	e	6 Sun af. East.	Leo	6 The 16. 17. some hail.	11	58
19	f	Term ends	Leo.	20 The 18 & 19 fair and	12	19
20	g	Bernard. . .	Virg.	4 warm, ☐ ☿ D 6 a. mo.	19	
21	a	Prudence.	Virg.	18 overcast, △ h D 2 p.	0	38
22	b	Sun set 8. 9.	Libra	2 Warm, ☐ ☿ D 12. p	0	56
23	c	Desider.	Libra	16 Indifferent weather,	1	10
24	d	Adelm. Ep.	Scor.	0 △ h ☿ 4 p. cold rain,	1	21
25	e	Whit Sunday	Scor.	13 some wind and stormes	1	34
26	f	Augustine	Scor.	27 ☿ ☿ ☿ 19 this week,	2	0
27	g	Sun set 8. 14	Sag.	10 ☐ h ☿ 10 p. ☐ h ☿ 1 p.	Full	☾
28	a	Wilhel.	Sag.	23 ☿ ☿ ☿ 4 p. More	9 A	18
29	b	Maximi.	Capr.	5 temperate,	9	59
30	c	Wigand	Capr.	18 Warm windes	10	36
31	d	Sun set 8. 17	Aqua.	0 ☿ with 7 * moist.	10	57

MOONS Rising.

MOONS Setting.

☾ Rising

The 9 day at 7 night, Jupiter
 The 10 day at 6 night, Venus
 The 13 day at 10 night, Mars
 The same day at 8 night, Mercury
 The 17 day at 4 afternoon, Saturn
 The 23 day at 10 morning, Cor. ny

is with the Moon.

The two benevolent Planets Jupiter and Venus are morning Stars, and Saturn, Mars, and Mercury, Evening Stars, who are all three plotting mischief.

D. ho. mi. Full Sea at London-bridge.

6 M 26

7 10

7 52

8 34

9 13

9 56

10 41

11 27

12 17

10 1 A 11

11 2

12 3

13 4

14 5

15 6

16 7

17 7 54

18 8 45

19 9 34

20 10 22

21 11 11

22 11 59

23 12 50

24 mor. 50

25 1 42

26 2 35

27 3 27

28 4 17

29 5 2

30 5 46

The 10 day at 10 ho. after noon, the Earth
 enters vp, the ☉ in 69 m. the longest day, and
 shortest night, the one containing 16, ho. 40 m. the
 other 7 ho. 20. m.

Day 16 ho. 30. m.

Full Sea at London-bridge

Bygone
 Bygone
 Bygone

July hath xxxi. dayes.

- ☾ Last quarter the 4 day, 32 min. past 5 at night.
 ● New moon the 11 day, 50 min. past 6 at night.
 ☽ First quarter the 18 day, 32 min. past 9 in the morning.
 ● Full moon the 26 day, 33 min. past 4 in the morning.

N.	N.	Holy and festival days, with Sun set.	Moons Sign.	The Planets Aspects, & change of syzygye.	Moons Rising & Setting.
1	g	Sun set 8. 9	Pisc. 14	Cold, ☽ ♃ 10 p.	10 A 0
2	a	Visit. Mary	Pisc. 26	☽ Elong. Max. ☽ ☉	10 9
3	b	Cornelius	Aries 8	Winde and clouds,	10 18
4	c	Viricus	Aries 20	Cool, ☽ ☿ SS ☽ ♀	10 29
5	d	Sun set 8. 5	Taur. 2	Warm, ☽ ☿ 9 p.	10 48
6	e	☽ Sun. of Tri.	Taur. 15	Cold at night.	11 1
7	f	Thom. Mar.	Tau. 28	Cleer and hot.	11 47
8	g	Chilian	Gem. 12	How could we ex-	12 38
9	a	Cyrillus	Gem. 26	pect any better?	mo 38
10	b	Sun set 7. 58	Can. 11	The ☽, ☿, and 10. tem-	1 42
11	c	Pius	Cap. 25	perate, * ♃ 8 p.	New ☽
12	d	Benner	Leo 10	* ☉ ♃ 10 p. Fresh	8 A 21
13	e	☽ Sun. of Tri.	Leo 25	gales of wind.	8 45
14	f	Bona vent.	Virg. 10	D ☽ ☿ Dry. Drie.	9 0
15	g	Sun set 7. 52	Virg. 25	* ☽ ♀ 9 p. Some moi-	9 12
16	a	Hilarin.	Libr. 9	Rure now and then	9 24
17	b	Micha.	Libr. 23	scattered clouds,	9 41
18	c	Marcia.	Scor. 7	Indifferent.	10 2
19	d	Dog. da. beg.	Scor. 20	SS ☽ ♀, Warm wind.	10 36
20	e	☽ Sun. of Tr.	Sagit. 8	Some warlike Strata-	11 13
21	f	Sun set 7. 43	Sag. 16	gems are acted abroad	12 3
22	g	Mau. Mag.	Sag. 28	near this time :	mo. 3
23	a	Apollin.	Capr. 11	Some faire gales,	1 4
24	b	Christiana	Capr. 23	fitting the Haymaker,	2 12
25	c	James Ap.	Aqu. 5	but holds not.	3 22
26	d	Sun set 7. 35	Aqu. 17	Turbulent, but fair	Full ☽
27	e	☽ Sun. of Tri.	Aqu. 29	☽ ☽ ♀ 1 p. for the most	7 A 53
28	f	Panthal.	Pisc. 10	part. D ☽ ☿.	8 9
29	g	Beatrix	Pisc. 22	☽ ♃ 10 a temperate	8 22
30	a	Sun set 7. 28	Aric. 4	The winde is very	8 31
31	b	German.	Aric. 16	☽ ☽ ♀ 4 a. high.	8 42

Moons-Rising.

Moons-Setting.

Moons-R.

The 7 day at 2 aftern. Jupiter
 The 10 day at 5 afternoon, Venus
 The 12 day, at 2 afternoon, Mars
 The 13 day at 11 morning, Mercury
 The 19 day at 4 morn. Saturn
 The 20 day, at 4 after. Cor. m

is with the Moon.

We must expect this moneth to hear some notable exploits acted beyond Sea, per-
 haps some Sea-fight may affright some, and reioyce others: But London prospers.

D. ho. min. Full Sea at London-bridge.

1	6	M	27
2	7		7
3	7		49
4	8		30
5	9		14
6	10		1
7	10		53
8	11		48
9	12		47
10	1	A	49
11	2		49
12	3		48
13	4		46
14	5		41
15	6		33
16	7		24
17	8		15
18	9		4
19	9		53
20	10		45
21	11		37
22	12		28
23	mor.		28
24	1		20
25	2		10
26	2		56
27	3		41
28	4		24
29	5		5
30	5		46
31	6		28

Day 16 hour.

Day 15 hour. 30 min.

Day 15 hour.

August hath xxxi. dayes.

- Last quarter the 3 day, 37 min. past 6 in the morning.
- New moon the 10 day, 17 min. past 2 in the morning.
- First quarter the 16 day, 14 min. past 7 at night.
- Full moon the 24 day, 37. min. past 8. night.

		Holy and festival day, with Sun set.	Moons Sign.	The Planets Aspects, & change of Agr. &c.	Moons Rising & Setting.
1	C	Lammes Day.	Arie. 29	Unexpectedly comes	8 A 55
2	D	Sun set 7. 21.	Taur. 11	Newes from sundry	9 19
3	C	9 Sun. af. Tri.	Taur. 24	parts, very pleasing	9 47
4	C	Aristarchus	Gem. 7	SS h O to some, but	10 32
5	G	Oswald	Gem. 20	displeasing others.	11 30
6	A	Sixtus	Can. 4	Very good hay wea-	12 43
7	B	Sun set 7. 14.	Canc. 18	ther for many dayes	m 0.43
8	C	Lad fl.	Leo 3	together, *SD 1 p.	2 4
9	D	Roman.	Leo 18	Something various.	3 38
10	C	10 Sun. af. Tr.	Virg. 4	D Perig. Warm.	New
11	C	Fiburtius	Virg. 19	Cold & some clouds	7 A 32
12	G	Sun set 7. 5.	Libr. 4	Δ 4 D 1 p. Faire	7 40
13	A	Hippoli.	Libr. 19	Temperate, *SD.	7 50
14	B	Eusebius	Scor. 3	*SD 11.a. Rain-like	8 16
15	C	Affum. Mary	Scor. 17	very hot and sultry,	8 41
16	D	Sun set 6. 56.	Sagit. 9	600 100 weather	9 16
17	C	11 Sun. af. Tri.	Sagit. 13	with thunder, light-	10 5
18	C	Helena	Sagit. 26	ning and	11 1
19	G	Schaldu.	Capr. 8	corrus-	12 7
20	A	Bernard.	Capr. 20	tations. Afterwards	mor. 7
21	B	Sun set 6. 45	Aqua. 7	More	1 15
22	C	Simpho.	Aqua. 14	temperate.	2 25
23	D	Zacchæus	Aqua. 26	D Apog Hasty show.	3 38
24	C	Barthol. Ap.	Pisc. 7	ers of rain,	Full
25	C	Ludov. c.	Pisc. 19	and black Harvest	6 A 40
26	G	Sun set 6. 34	Aries 1	weather. *4 D 8 p.	6 48
27	A	Gebhar.	Arie. 13	The weather more	6 57
28	B	Dog-da. end.	Arie. 26	seasonable. Δ 8 15	7 9
29	C	Decol. Jo.	Tau. 8	The wind is aloft	7 32
30	D	Sun set 6. 28.	Tau. 20	about	7 59
31	C	12 Sun. af. Tr	Gem. 3	this time.	8 38

Moons-Rising.

Moons-Setting

Moons-Ris.

The 4 day, at 6 morn. Jupiter
 The 9 day, at 3 morn. Mercury
 The same day, at 3 aftern. Venus
 The 10 day, at 5 morn. Mars.
 The 11 day, at 6 night Saturn.
 The 16 day at 9 night, Cor m

is with the Moon.

This month we may expect to hear of some notable Warlike exploits beyond Sea, South
 and South East. and some divisions at home about Religion, but the truth will prevail, and
 the Magistrate execute Justice:

D. ho. min. Full Sea at London-bridge.

1 7 m. 10
 2 7 55
 3 8 45
 4 9 38
 5 10 33
 6 11 32
 7 0 A 32
 8 1 32
 9 2 32
 10 3 29
 11 4 23
 12 5 16
 13 6 8
 14 7 0
 15 7 53
 16 8 46
 17 9 39
 18 10 31
 19 11 21
 20 12 11
 21 mor. 11
 22 0 59
 23 1 46
 24 2 29
 25 3 12
 26 3 53
 27 4 35
 28 5 17
 29 6 3
 30 6 50
 31 7 39

Day 14 houres 30 min.

Day 14 houres.

Day 13 houres 30 min.

Day 13 houres.

September hath xxx. dayes.

- ☾ Last quarter the 1 day, 27 min. before Sun set.
- ☾ New moon the 8 day, 8 min. past 10 before noon.
- ☾ First quarter the 15 day 38 min. past 8, in the morning.
- ☾ Full moon the 23 day, 4 min. past 1 in the afternoon.

Day	Moony and festival days, with Sun set.	Moons Sign.	The Planets Aspects & change of Ayrs, &c.	Moons Rising & Setting.
1	☾ Sun set 6. 24	Gem. 16	☐ ♀ ♀ 5 p. Some	9 A 23
2	g Veronica	Gem. 29	♂ ☉ ♀ 3 P. showers,	10 30
3	a Euphem.	Can. 13	and some wind and	11 53
4	b Theodor.	Can. 27	♂ ♂ ♀ 7 p. hail fol.	13 18
5	c Zachari.	Leo 12	Many villanies are	1 M 18
6	d Sun set 6. 12	Leo 27	committed. Much	2 46
7	☉ 14 Sun. af. Tr.	Virg. 12	♂ ♀ 8 a. cold air	4 29
8	e Nat. M.	Virg. 27	♂ ☉ ♀ 7 p. is to be	New ☾
9	g Gorgon.	Libr. 12	expected, with	6 A 2
10	a Soften.	Libr. 27	♂ ♀ 4 a. wind,	6 26
11	b Sun set 6. 2	Scor. 11	♂ ☉ ♀ 3 p. which	6 52
12	c Tobias	Scor. 25	doth much damage	7 52
13	d Amarus	Sag. 9	the fruits of the earth	8 10
14	☉ 15 Sun. af. Tr.	Sag. 22	that are not yet	9 5
15	e Nicomed.	Capr. 4	gathered. Nor	10 8
16	g Sun set 5. 56.	Cap. 17	♂ ♀ ♀ 6 a. much	11 16
17	a Lambert.	Cap. 29	better yet. △ ♂ ♀	12 28
18	b Ferriolus	Aqu. 11	A sickly time is to	mo. 28
19	c Januarius	Aqu. 22	be feared, T d 4 ♂	1 29
20	d Sun set 5. 45.	Pisc. 4	Faire, ☐ 4 ☾ 4 p	2 53
21	☉ S. Matthew	Pisc. 16	Indifferent good.	4 1
22	e Maurie.	Pisc. 28	Some stormes of	Full ☾
23	g Esdra.	Arie. 10	♂ ♀ 7 p. raine	5 A 31
24	a Rupert.	Arie. 22	with thunder claps.	5 45
25	b Sun set 5. 34	Taur. 5	now and then inter-	6 12
26	c Cyprian.	Taur. 17	mixt. ☾ Vac. cursu	6 46
27	d Judith	Gem. 0	Fair and warm	7 33
28	☉ 17 Sun. af. Tr.	Gem. 13	variable. SS. 4 ♀	8 34
29	e S. Michael	Gem. 26	Bq 4 ♀. Cool wind	9 44
30	g Sun set 5 24	Canc. 9	Pretty good. ☐ ♂ ♀	

Moons-Rising.

Moons-Setting.

Moons-Rising.

The 7 day, at 9 night, Mars
 The 8 day 5 morning, Mercury
 The same day at 10 morn. Saturn
 The said 8 day at 1 afternoon, Venus
 The 27 day, at 11 night Jupiter

} is with the Moon

In this moneth are many notable Coniunctions of the Planets, whose effects will soon manifest themselves. Great contention, war and slaughters of men is to be feared in many places of Europe, and divisions every where, but England fear not.

D. Ho. m. Full Sea at London-bridge,

1	8	M	32
2	9		28
3	10		25
4	11		23
5	12		24
6	1	A	21
7	2		16
8	3		9
9	4		4
10	4		56
11	5		49
12	6		46
13	7		40
14	8		34
15	9		28
16	10		16
17	11		6
18	11		53
19	12		3
20	mor.		36
21	1		20
22	2		2
23	2		43
24	3		27
25	4		11
26	4		57
27	5		46
28	6		39
29	7		34
30	8		30

Day 12 hours 30 min.

The 12 day, 1 hou. 29 min. afternoon, the Earth enters ♋, the ☉ ♋, causing equall day and night to all Nations.

Day 11 hou. 30 min.

Day 11 ho.

October hath xxxi. dayes.

- Last quarter the 1 day, 41 min. past 3 in the morning.
- New moon the 7 day, 19 min. past 7 at night.
- First quarter the 15 day, 21 min. past 2 in the morning.
- Full Moon the 23 day, 18 min. past 5 in the morning.
- Last quarter the 30 day, 14 min. after noon.

Holy and iusticial dayes, with Sun set.		Moons Sign.	The Planets Aspects, & change of age, &c.	Moons Rising & Setting.
1	a	Sun set 5.22.	Can. 23 SS ♂♀ Cold clouds	11 A6
2	b	Leodeg.	Leo 7 Fair. ☐ ♀ D 6 a.	12 33
3	c	Simplicius	Leo 21 mixt weather.	mo.33
4	d	Franciscus	Virg. 6 Fresh gales. ☐ ♀ D 1	59
5	e	18 Sun. af. Tr.	Virg. 21 Δ ♀ D 6 a. Warm.	2 28
6	f	Sun set 5.12.	Libr. 6 misty, ☐ ♂ & ♂ D 4	55
7	g	Sergius	Libr. 20 Rain-like, ☐ ☐ D.	New
8	a	Pelagia.	Scor. 5 Ve ♀ ♂, temperate	4 A57
9	b	Dionysius	Scor. 19 Cold morning.	5 26
10	c	Gideon	Sag. 4 Cleer, ☐ ♀ D 3 p.	6 6
11	d	Sun set 5.2.	Sag. 17 Wholsome gales.	6 59
12	e	19 Sun. af. Tr.	Cap. 0 SS More ☐ h cool,	8 0
13	f	Tilema	Cap. 13 It's out of joynt, and	9 9
14	g	Calixtus	Cap. 25 cannot be cured this	10 21
15	a	Hedwig.	Aqua. 7 moneth, Δ ♂ D 10 p.	11 34
16	b	Sun set 4.52.	Aqu. 19 Wind and clouds,	12 43
17	c	Florence	Pisc. 0 ☐ ♀ D 7 p. Fair.	mo.43
18	d	Luke Evang.	Pisc. 13 D Apog. and temperate	1 52
19	e	20 Sun. af. Tr.	Pisc. 25 Vnconstant.	3 3
20	f	Sindulph.	Aries 6 But indifferent.	4 20
21	g	Sun set 4.42.	Arie. 19 ♂♂ D. Warm,	5 36
22	a	Cordula	Taur. 1 * ♀ D 4 a. Somewind	6 46
23	b	Term begins	Tau. 14 Cold wind and	Full
24	c	Salome	Tau. 27 ☐ h 3 a. clouds,	4 A52
25	d	Sun set 4.35.	Gem. 16 if not fleet: now fair	5 35
26	e	21 Sun. af. Tr.	Gem. 23 Warm. Δ ♂ D 5.	6 30
27	f	Victoria	Canc. 7 * ♀ D 4 a. Cloudy	7 41
28	g	Simon & Jud.	Can. 20 ♀ In evagat. maxima.	9 0
29	a	Narcissus	Leo 4 Very tempe. are	10 23
30	b	Sun set 4.26	Leo 18 ☐ ♀ D 10 p. for the	11 44
31	c	Wolffg.	Virg. 2 most part ☐ ♀ D.	12 59

Moons-Rising.

Moons-Setting.

Moons-Rising.

The 6. day at 2 morn. Saturn

The same day, at 1 afternoon, Mars

The 8 day at 11 before noon, Venus

The 9 day at 2 morn. Mercury

The 24 day at 9. morn. the 7 Stars.

The 25 day, at 1 morn. Jupiter.

is with the Moon

The Weather begins to be cold, yet mens spirits are hot enough. The Sweed is baste and some of her neighbours to boot, but London be cheerfull.

D. ho. min.

1 9 M 25

2 10 22

3 11 16

4 12 10

5 1 A 4

6 1 56

7 2 49

8 3 43

9 4 38

10 5 34

11 6 29

12 7 25

13 8 17

14 9 10

15 9 57

16 10 40

17 11 22

18 12 5

19 mor. 5

20 0 45

21 1 26

22 2 9

23 2 55

24 3 43

25 4 37

26 5 34

27 6 30

28 7 26

29 8 21

30 9 15

31 10 6

Day 10. ho. 30 min.

Day 10. heures

Day 9 ho. 30 m.

Day 9 heures.

November hath xxx. dayes.

- New moon the 6 day, 40 min. past 6 in the morning.
- First quarter the 13 day, 50 min. past 10 at night.
- Full moon the 21 day, 41 min. past 8 at night.
- Last quarter the 28 day, 6. min. past 8 at night.

Holy and festival Moons The Planets Aspects, Moons Rising,
days, with Sun set. Signs. & change of ayr, &c. & Setting.

Moons-R.	Moons-Scarf.	Moons-R. Sing
1 All Saints	Virg. 16	A doubtful full consti-
2 21 Sun. af. Tr.	Libr. 0	Δ h 11 p. tution
3 Sun set 4. 18.	Libr. 15	of the aire, but cool.
4 Amantius	Libr. 29	Frost-like, ☽ 52.
5 Petron.	Scor. 14	♄ B. q. Warme,
6 Leonard.	Scor. 28	Mist, fair aftern.
7 Florence	Sag. 12	♂ Stat in Q. fere
8 Sun set 4. 10.	Sag. 25	♂ ♀ 2 p. Expect
9 23 Sun. af. Tr.	Cap. 8	some wind and
10 Justus	Cap. 21	rain to follow.
11 Marr. p.	Aqu. 3	Some distempered heads
12 Patern.	Aqu. 15	are active and bufe,
13 Sun set 4. 3.	Pisc. 27	and would plot more
14 Frederic.	Pisc. 9	mischiefe.
15 Leopold.	Pisc. 21	* ☉ h 72. Cold and
16 24 Sun. af. Tr.	Aries 3	snow-like, SS h 8
17 Anian. Ep.	Arie. 15	♂ ☉ 2 p. The wind
18 Sun set 3. 56	Arie. 27	is high, and so are
19 Elizabeth.	Taur. 9	some Womens
20 Amos	Tau. 22	tongues, ☽ 14
21 Obl. M.	Gem. 5	More remisse,
22 Sun set 3. 51.	Gem. 19	Fair and falls in —
23 25 Sun af. Tr.	Canc. 3	♂ 14 ♀ 0. Winde
24 Chrisog.	Can. 16	☐ h 12. Snow, or
25 Cacharine	Leo 0	Bq 14 ♀. rain
26 Conrad.	Leo 14	The business is not
27 Sun set 3. 45	Leo 29	yet ripe enough.
28 Term ends	Virg. 13	Like to be rain,
29 Saturn.	Virg. 27	* ♀ 3 p. More blu-
30 Andrew Ap.	Libra 11	♂ 14 ♀ 9 a strong wind

The 2 day, at 4 afternoon Saturn

The 4 day at 5 morn. Mars

The 7 day, at 1 afternoon Venus

The same day, at 4 P. M. Mercury

The 20 day, at 5 night, the 7 Stars

The 21 day at 3 morn. Jupiter.

} is with the Moon.

Men who are only outward Professors of Religion, are many of them discontented at their Superiours, and endeavour to disturb the Republick, but we need not fear, they can not hurt us, the Stars threaten

D. ho. m. Full Sea at London-bridge.

1	10	M 57
2	11	48
3	12	39
4	1	A 31
5	2	24
6	3	18
7	4	14
8	5	10
9	6	5
10	6	57
11	7	46
12	8	32
13	9	14
14	9	56
15	10	37
16	11	17
17	11	59
18	12	43
19	mor.	43
20	1	29
21	2	18
22	3	10
23	4	1
24	5	9
25	6	6
26	7	2
27	7	56
28	8	46
29	9	36
30	10	24

Day 8 ho. 30 m.

Day 8 hour.

Day 7 ho. 30 m.

December hath xxxi. dayes.

New moon the 5 day, 40 min. past 8 in the evening.

First quarter the 13 day, 34 min. past 8 at night.

Full moon the 21 day, 34 min. past 10 in the morning.

Last quarter the 28 day, 32 min. past 4 in the morning.

Holy and feasts with Sun set		Moons Sign.	The Planets Aspects & change of day, etc.	Moons Rising & Setting.
1	f	Sun set. 3. 43.	Libr. 25 Seasonable.	3 M 11
2	g	Candidus	Scorp. 9 *♂♀ 7 p. Rain.	4 33
3	a	Cassian	Scor. 23 Frost. ♂ ♀ 10 p.	5 95
4	b	Barbara	Sagitt. 6 Wind and clouds,	7 2
5	c	Sabina.	Sagitt. 20 Fair and dry.	New
6	e	Sun set 3. 41.	Capr. 3 ♀ In Elong. Max. d	4 A 21
7	e	2 Sun. in Adv.	Cap. 16 *h♀ 9 p. Wind, wet	5 30
8	f	Concep. Mar.	Cap. 29 Fair and frosty,	6 43
9	g	Joachim.	Aqu. 11 Td h ♀ cold rain,	7 57
10	a	Miltiad.	Aqu. 23 Fair and warm.	9 8
11	b	Sun set 3. 40	Pisc. 5 Variable ☐ ♀ D 9 p.	10 18
12	c	Valerius	Pisc. 17 D Apog. Indifferent,	11 30
13	e	Lucia	Pisc. 29 very temperate and	12 43
14	e	3. Sun. in Adv	Aries 10 Bq ☉ ♀ Seasonable	mo. 43
15	f	Abraham	Aries 22 ☐ ♀ 16. A winterly	1 55
16	g	Sun set 3. 41.	Tau. 5 ☐ ☉ h. Season is	3 8
17	a	Lazarus	Tau. 17 like to continue.	4 16
18	b	Christopher	Gem. 0 till towards the end	5 25
19	c	Loth.	Gem. 13 Δ h ♀ 12 of the	6 30
20	e	Sun set 3. 43.	Gem. 27 moneth. Eclipsis D	7 28
21	e	Thomas Ap.	Canc. 11 ☐ ♀ 6 p. Some	Full
22	f	Theodor.	Canc. 25 more welcome weather	5 A 18
23	g	Victor vir.	Leo 10 Some discontented	6 48
24	a	Sun set 3. 46	Leo 24 people, are now almost	8 17
25	b	Christs Nat.	Virg. 9 at their wits end.	9 46
26	c	Stephen prot.	Virg. 23 Warm. *♂ D 11 p.	11 17
27	d	John Evang.	Libr. 8 Bq ♀ Variable.	12 41
28	e	Innocents	Libr. 22 Some clouds, ☐ ♀ D	mo. 45
29	f	Sun. set 3. 51	Scor. 6 ☐ h 12 p. Winde,	2 6
30	g	David	Scorp. 19 perhaps snow.	3 26
31	a	Silvester.	Sagitt. 2 Frost. ♂ ♂ D 2 p.	4 47

M. rise

Moons-Setting.

Moon-Rising.

TO THE READER.

Congenious Reader,

WHereas of late years I have been (in a manner) continually imployed in my ordinary profession of Surveying, having undergone many weighty businesses of that nature, and by that means have not had leisure to follow the studies Mathematicall with that measure I desired, yet considering with my self, that amongst all the humane Sciences, that may either illuminate the understanding, or benefit the Republique, there is none comparable, nor of such value and worth, as the Sciences Mathematicall, which are, Arithmetick, Geometry, and Astronomy, I have therefore in my vacant hours (not without some leisure) compiled a brief and compendious Restauration of Astronomy (as I mentioned in the Postscript of my last years Almanack) wherein, not only all the most usefull Problems of that misterious Art, are exhibited to your view, after the most plain and easie manner that we could devise and imagin, but also the Theorick part so fully and absolutely rectified upon the Copernican-Systeme, that it's possible thereby for any ingenuous Artist, to antedate the Cœlestiall Phenomenon exactly many Ages beforehand. And that the said Tract may merit your observation, I shall give you a short view of the parts thereof.

I. *Logica Astronomica.* Astronomicall Arithmetick, shewing how to resolve the four Species thereof in Astronomicall Fractions, and to finde the part Proportionall in any Question thereunto belonging.

II. *Doctrina Spherica.* The Doctrine of the Sphere, practically propounded, and demonstratively applied in all Questions tending to the Diurnall Motion.

III. *Doctrina Theorica.* The Theorie of the Cœlestiall Motions, representing the true Face of the Visible World, the proper Motions of the Luminaries and other Planets, and how to investigate their true places speedily, by the admirable Doctrine of Trigonometry, after a new order.

IV. *Tabula Astronomice.* Astronomicall Tables, briefly exhibiting the true Motions of the Sun, Moon and other Planets, and their Eclipses exactly, for any time, either past, present or to come.

Whereunto is added a short Catalogue of all the most accurate and remarkable Cœlestiall observations, that have been made by Tycho, Longomontanus, Gassendus, the Langiave of Haffia, and others.

Moreover, that I may farther benefit my native Countrey of England, I have composed accurate and new Ephemerides of the Cœlestiall Motion, for 12 years, beginning Anno 1699. according to the Doctrine of the forementioned Book, entitled *Astronomia Instaurata*, together with a Mathematicall Introduction for the use thereof, by both which Pieces, I shall expect your kinde acceptance. In the meantime (having in the later part of the Introduction thercof, and in my annual Prognostications, spoken something of Predictions by way of judgement) give me leave to speak a word of Astrolegie, which (as Sir

Ch. Herdew

Ch. Heyden defines it is an Art that by the Motions, configurations and influence of the Caelestiall Bodies, shews how to prognosticate of future Events in this inferior World, which experience witnesseth to be true, yet some are so bitter against the Art, and the Professors thereof, that they deny that the Stars have any influential operation at all upon these Elementary Bodies, and so rob the Stars of the office assign'd them by their Creator, which is a most gross absurdity. Some again think no influential vertue from the Caelestiall Planets, bears any sway in generation and corruption, Others not altogether denying their influence, yet assign them only a simple office or two, but deny the rest, which sort of men deserve no small reproof. *Siculi negligens & contemnens Astrologiam; qui contradicit, ambitiosus est, qui maledicit fatuus, Card. Seg. 1. Aph. 24.* Let not the abuse of the Art, take away the lawfull use thereof. What shall the variety of Sects and Schismes that now swarm amongst us, make true Religion be ill spoken of? God forbid. In a word, though there be knavery in all trades and Professions, yet the Trades themselves may be laudable, and no question very profitable to the Common wealth. *Tamest autem tantus huius doctrinae sit abusus, non tamen ideo reiiciendus est usus, sed potius ab illo pessimo abusu distinguendus.* We see, and experience witnesseth it, that some Astrologians seldome fail in their Predictions, some more often. *Astrologia propter nostram imbecillitatem est coniecturalis, nam Astrologia nondum est omnibus partibus absoluta, & lecorum occulta proprietates (quae mutant influxum rationem) non sunt satis cognita.* As some places (we see) are more prone and inclined to raime then other, some to winde, others to Society, *Corpora caelestia agunt in haec inferiora tribus modis: videl. lumine, influentia & motu.* saith a learned German. *Agunt, inquit, non regunt, sed vel irritant, vel excitant, non extinguunt, sed excitant.* Of the influence of the Stars there is no doubt. *Quis enim non videt, Solem & Lunam alterare fruges & fructus? Quis nescit vicissitudines temporum ab astris pendere?* The Stars are not idle Substances, neither were they made for fashon sake, to be gazed on onely, *Sed ut ultra temporum divisionem essent nobis in Signa, videlicet, futura pestilentiae, belli, penuriae, pacis & abundantiae, ac ceterorum naturalium eventuum.* Pitae, pag. 3. The Caelestiall Bodies work upon those which are naturall, they work not upon the free will of man, because that may be inclin'd and alter'd, either by good education, or by divine light, for God is the Creator and Ruler of the Stars, the universall cause, overruling all created causes, as well universall as particular. Very piously therefore is it said,

Astra regunt homines, sed regit astra Deus.

Most vain therefore and ignorant are they, who attribute more to the creature then to the Creator, whereby they do not only subiect the inferior created nature, but even God himself, and with the Stoicks, do as it were, binde and tye him to second causes; but I hope we have no such amongst us that are so impudent, we say, *Astra inclinanti, non cogunt, the stars incline, they compell not*

Ad. ad. nostris N. L. Jan. 14. 1655.

VIN. WINE.

Wed. 1656.

Of the Eclipses this Year.

Not less then five Eclipses may this year be observed by the Inhabitants of this Earthly Globe, of which we in England will see but two, namely the first of the Sun, and first of the Moon, which will present themselves to our view in manner following.

The first of these is of the Moon on Tuesday the first of January in the evening, which (if the ayre be clear) may be observed in the East part of the Heavens about half an hour past 8. clock at night, and which time she will be Eclipsed eleven Dig- its, and the light of the Moon that will appear at the middle thereof, will not extend to above our right up on the North side of her body. Some of the Heads of the Calculation, I shall here insert according to the Doctrins of Astronomia Insinuate, only printed.

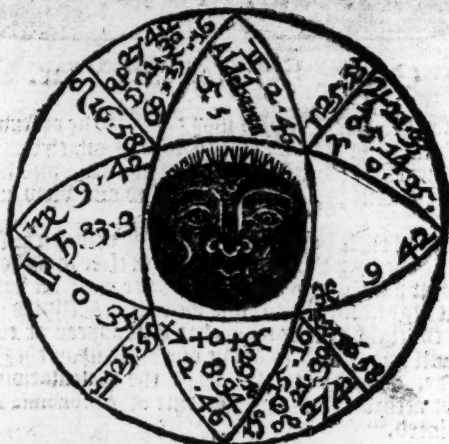
☉ 21° 30' 22". 77. ☽ 21° 30' 11". 5.

The meane time of the true ☉ at London	Ian. I	8	36	53
Time of Reduction Subtract			2	30
Corrected time of the true ☉	Ian. I	8	34	23
Equation of time Subtract			7	0
Apparent time of the true ☉ at London	Ian. I	8	27	22
Semidiameter of the ☾ Moon			16	42
Semidiameter of the Earths Shadow			46	22
Sum of their Semidiameters			63	6
Part deficient			30	46
Digits Eclipsed	Dig. II	5	13	
Examples of Incidence			54	10
Time of Incidence	I	1	43	
Total duration	3	3	26	
Intervall of the true ☉ & greatest obscuration add			4	46
Therefore the middle of the Eclipse at London	8	32	8	
Since ☉ The beginning at	7	0	25	
☽ The ending at	10	3	51	

But in the Meridian of North-Luffenham in Rutland, the time of this Eclipse hapneth according to

	Wing.			Richlad.			Lansberg.			Argol.		
	No.	L.	H.	No.	L.	H.	No.	L.	H.	No.	L.	H.
Beginning	6	58	1	6	48	0	6	33	52	7	6	26
Middle	8	29	44	8	31	18	8	7	34	8	39	42
End	10	1	27	10	16	36	9	41	16	10	13	8

A Figure or Type of this Eclipse,



The second is of the Sun upon Wednesday the 16 Day of January, which (if the ayre be cleare) will be very conspicuous to us in England. This Eclipse will begin about noon, and last till after 3. nine parts of twelve being darkned at the middle thereof. And because this Eclipse may be richly worth the obseruation, let me request all judicious Artists that are accommodated with large Instruments, to be diligent and curious in obseruing the same, and to impart their Observations, which may contribute much towards the perfection of this most excellent part of the Mathematicks.

The Calculation,

	H.	M.	S.
The mean time of the true ☉ at London, Jan. 16.	0	49	24
Time of Reduction. Adde		5	
Corrected time of the true ☉	Jan. 16.	0	54
Equation of time, Substr.		9	37
Apparent time of the true ☉ at London, Jan. 16.	0	44	50
Difference of Meridians subtr.		2	24
Apparent time of the true ☉ at N.L.	Jan. 16.	0	42
At which time the Suns Altitude is		17	11
The Moons Altitude		17	51
Parallax of D from ☉ in Altitude		50	59
The Nonagesime degree		24	34
Parallactick Angle		69	49
Parallax of D from ☉ in Longitude		17	35
in Latitude		47	51
To 1. hour following the true ☉, viz.	Jan. 16.	1	42
The altitude of the Sun is		15	14
The Altitude of the Moon		16	13

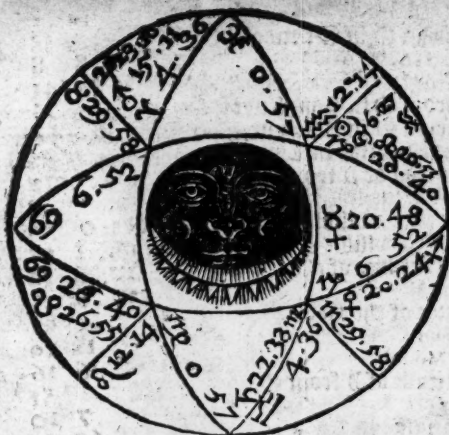
callec

Parallax of D from O in Altitude	53	42
Ponageline degree	8	42
Parallactick Angle	59	141
Parallax of D from O in Longitude	29	17
Parallax of D from O in Latitude	44	57
Difference of the Parallax in Longitude	8	23
True hourly motion of D from O	73	2
Hourly motion seen is	18	46
Interval of the true & visible Conjunction, add	0	56
Hence the time of the visible C is	Jan. 16.	1
At which time, the place of the Sun is	223	6
The place of the Moon	223	6
The true Latitude of the Moon		52
Altitude of the Sun	15	29
Altitude of the Moon	16	26
Parallax in Altitude of D from O		51
Ponageline degree	7	20
Parallactick Angle	60	12
Parallax of D from O in Longitude		25
Latitude		44
The visible latitude of D from O North		7
Semidiameter of the Sun		16
Semidiameter of the Moon		15
Summe of the Semidiameters		31
Parts deficient		24
Digits Eclipsed (Sub Longit. 23°. 44'. Latit. 52°. 40'. Sep. 8)		51
Minutes of Incidence		31
Time of Incidence	I	29
Time of Repletion	I	30
Totall duration	I	3
Interval of the mid. Eclipse & visible continue. Sub.	3	10
The begin: of this Eclipse	II	57
The middle	I	36
Visible Conjunction	I	38
The end.	3	7

According to the Tables of Lausbergius, this Eclipse sh^{al} begin with us at one min. past noon, the middle at one a clock and 40. min. and the end at 2. and 12. min. So that the duration according to his account is 2. ho. 12. min. and the digits 8. and 21. min.

Argolus agrees in this Eclipse very neer with Lausbergius, but the Danish, and Polish Tables are more consentaneous to my former Calculation, to whom Harmonicon Coelestis also as-
sents: See my Ephemerides, Part 1, Ann. 1656.

A Type of this Eclipse:



The third Eclipse is of the Moon upon the 26 of June totally darkened, which will be seen in India, Persia, Arabia, China, great Tartaria, in the Islands Sumatra, the Java's, Borneo, the Gulf of Bengala, the Philippine I. lands, &c.

The fourth is
of the Sun upon
the II Day of In-
ly in the evening.

which will appear a great Eclipse in the Southern parts of the Earth, in the Pacifick-Sea, and Straights of Magellanica.

The list is of the Moon upon the 21. day of December at 10. a clock in the forenoon, which will present it self to our Antipodes and Perizets, and to such as dwell in California, the Gulf of Mexico, New-Spain, Granada, Barbados, in the Islands Los Moncos, La Vezina, La des Gratiada, Los Gardinos &c.

Of the Revolution of this present Year 1656.

The revolution of the year takes its beginning at the Earths entrance into the Equinoctiall Signe Libra, the glorious Sun then seeming to enter into the opposite point Aries, which either way taken, will happen this year upon Sunday the 9. of March, at 7. ho. 34. 31. P.M. at London. The Calculation whereof from my Aëronomia Inaurata, is as followeth,

	th.	n.	l.	d.	l.	n.	th.		Sex.	D.	l.	n.
1600	2	42	20	0				Epocha of Christ	4	38	0	31.
40		4	3	30				2"	4	39	24	3.
15		1	31	18				47"	1	31	25	55.
2 Febr			1	0				55"	0	12	38	4.
Day 9				9				57 ^d	0	56	10	55.
Mo. 7					17	30		18'		17	45.	
M. 34					1	25		56"			55.	
Sec. 31						1 17		17 ^u			0.	
Sum. 2"		47	55	57 ^d	18	56	17"	Sum.	5	57	58	8.
Mean place of the Sun in Sig.									11	27	58	8.
									Apogon			

The use of the following Tables, for the speedy finding
of the true hour of the Night by the Stars.

HAVING in the former page, shewed how the true ho. of the day
may be found at all times with a plain walking-Staff by
the shadow of the sun, and also in the beginning of the Alma-
nack given directions how to finde the iust hour of the night by
the Moon, which is of excellent use, yet because she is not alwaies
to be seen, I shall here shew also how to effect the same by the
Stars, which I have the more willingly done (at the request of
friends) in respect of the generall use thereof: for which pur-
pose I have composed the two following Tables, the first
whereof shews the Right Ascension and Semidurnall Arch of
75 of the principallest fixed Stars, and the second shews the Suns
Right Ascension for every other day in the year.

The use of these Tables is twofold: First they direct us to
finde at what hour and min. any of the Stars in the first Table,
will be upon the Meridian: or seeing them upon the Meridian,
they tell you exactly the hour of the night.

Secondly, They shew at what hour and min. any of the said
Stars Rise or Set, and therefore seeing any of them either in the
East or West Horizon, you may readily thereby know the
night hour. And because the use hereof is of good consequence, I
shall make further illustration thereof.

Therefore if the something be inquired, seek the Right Ascen-
sion of the star, from which subtract the Suns Right Ascension,
and the Remainder will be the time of Southing: therefore see-
ing any of them on the Meridian (or South point, as one or
other of them is in or neer it at all times) you may thence
presently know the hour by observing the premises.

Example. Suppose that upon the 15 of October early in the
morning, I should espy the Pleiades or seven Stars upon the
Meridian or South point, and from thence would know the
true hour of the night, wherefore I seek the Right Ascension
of the 7 Stars in the respective Table, which is 3 ho. 27 min.
and the Right ascension of the Sun, which is 14 ho. 2 min. and
because subtraction cannot be made, I add to the Right As-
cension of the 7 Stars, 24 ho. and from the sum 27 ho. 27 min. I
deduct the Suns Right Ascension, and the Residue is 13 ho. 25
min. from which taking 12, there remains 1 ho. 25 min. in the
morning, for the true hour of the night. or time of the 7 Stars
coming to the South the said 15 of October.

Again, if the Rising and setting be required, you must (by the
Table) finde the Semidurnall Arch, which if you subtract
from the time of Southing, it gives you the time of the ri-
sing, but adding the same thereto, it shews the time of setting.

Suppose

Suppose therefore, the same day you desire to know when the 7 Stars rise and set, seek therefore their Semidurnall Arch, which you shall finde 8 ho. 16 min. which subtracted from the time of setting 12 ho. 25 min. leaveth the time of their rising at 5 ho. 12 min. at night; but adding them together, it sheweth the time of their setting at 9 ho. and 43 min. the next morning. Therefore in case you should see the 7 Stars rising that night you may conclude it 9 min. past 5 a clock at night, but if you should see them (in the East) an hour high, it is 9 min. past 6; if 2 ho. high, then it is 9 min. past 7. if 3 ho. high, 9 min. past 8, &c.

A Table shewing the Right Ascension and Semidurnall Arches of 75 of the principallst fixed Stars; calculated for this Year 1656.

Names of the Stars.	Right Ascen.		Semi. Arch.	
	Ho.	Min.	Ho.	Min.
Southern * in Cassiopea	0	21	Set	not.
Southern * of the Whales-tayl	0	26	4	
The * in the Kerion of Cassiopea	0	37	Set	not.
The girdle of Andromeda	0	50	10	6
Knee of Cassiopea	1	4	Set	not.
The former horn of the Ram	1	35	7	38
Whales belly	1	35	1	54
Winter horn of the Ram	1	26	7	48
South foot of Andromeda	1	42	Set	not.
The belche * of the Ram	1	48	8	7
Bright * in the tow of the Whale	2	44	4	15
The head of Medusa	2	46	Set	not.
The bright side of Perseus	2	50	Set	not.
Bright * of the Medusæ, or 7 *	3	27	8	16
North eye of the Bull	4	8	7	43
South eye, Aldebaran	4	16	7	37
The Goat	4	51	Set	not.
Bright foot of Orion	4	58	5	14
North Horn of the Bull	5	5	0	0
The former Shoulder of Orion	5	7	6	32
Former * of Orion's Belt	5	14	5	37
The highest * in Orions Head	5	17	8	1
Southern horn of the Bull	5	17	8	1
Middlemost * of Orions Belt	5	19	5	32
The lower * of the Belt	5	22	5	40
Right shoulder of Auriga	5	31	Set	not.
Following shoulder of Orion	5	37	6	39
The bright foot of II	6	18	7	32
Antares The greater Dogge	6	30	4	30
Procyon The lesser Dogge	7	21	6	32
The lower head of II	7	35	0	4

Wing: 1656.

Names of the Stars.	Right Ascen.		Semi Arch.	
	Ho.	Min.	Ho.	Min.
Bright * in the hinder deck of the Ship	7	33	3	42
North Acilius	8	23	8	14
South Acilius	8	25	9	50
Head of Hydra	9	11	6	38
Lyons Heart. <i>Banlon</i> &	9	10	7	14
The * in the hinder part of the Lyons	9	17	8	32
The bright * in the flank of A (back)	10	16	2	11
Tail of the Lyon	11	31	7	32
The Virgins girdle	12	38	6	28
Andromatris	12	45	7	9
The Virgins Spick	13	7	5	14
Arcturus	14	0	3	0
Left shoulder of Bootes	14	18	Set not.	
South Ballance	14	32	4	40
North Ballance	14	50	5	17
Bright Star of the Crown	15	24	8	56
Bright Star of the Serpents neck	15	28	6	40
Antares, The Scorpion Heart	16	8	4	21
Right shoulder of Hercules	16	15	8	10
Left knee of Ophiuchus	16	18	5	8
Right knee of Ophiuchus	16	45	4	30
Head of Hercules	16	59	7	22
Head of Ophiuchus	17	19	7	10
Bright star of the Dragons Head	17	49	Set not.	
Bright star of the Harp	18	21	Set not.	
Tail of the Altitude	18	50	7	14
The Swans Bill	19	17	8	51
Bright star of the Altitude	19	34	6	43
Higher wing of the Swan	19	34	Set not.	
Higher horn of the Goat	19	59	4	46
Lower horn of the Goat	20	2	4	33
The Swans breast	20	10	Set not.	
Left hand of the Waterbearer	20	18	5	3
The Swans tail	20	30	Set not.	
Lower wing of the Swan	20	31	9	48
Left shoulder of the Waterbearer	21	12	5	23
Circle of Cepheus	21	24	Set not.	
The Mouth of Pegasus	21	17	6	44
Right shoulder of the Waterbearer	21	46	5	50
Fornahant &	22	38	2	28
Scheat	22	47	8	40
Marchab	22	48	7	13
The Head of Andromeda	23	51	8	51
Bright Star in the Chair of Cassiopea	23	52	Set not.	

A Prognostication.

A Table of the Suns Right Ascension for every other day this Year.

Day	Januar.		Febr.		March		April		May		June	
	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.
1	19	31	21	40	23	30	1	22	3	15	5	21
3	19	40	21	48	23	38	1	30	3	23	5	29
5	19	49	21	56	23	45	1	37	3	31	5	37
7	19	57	22	4	23	52	1	44	3	39	5	45
9	20	6	22	12	23	59	1	52	3	47	5	53
11	20	15	22	20	0	6	1	59	3	55	6	1
13	20	23	22	27	0	13	2	7	4	5	6	9
15	20	31	22	34	0	20	2	15	4	11	6	18
17	20	40	22	40	0	28	2	23	4	19	6	26
19	20	48	22	49	0	35	2	30	4	27	6	34
21	20	57	22	57	0	42	2	38	4	36	6	41
23	21	5	23	5	0	49	2	45	4	44	6	51
25	21	13	23	10	0	57	2	52	4	52	6	59
27	21	21	23	19	1	4	3	0	5	0	7	7
29	21	28	23	2	1	11	3	8	5	8	7	16
Day	July		August		Septemb.		October		Novemb.		Decemb.	
	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.
1	7	24	9	27	11	20	13	9	15	9	17	17
3	7	33	9	35	11	27	13	16	15	17	17	26
5	7	41	9	43	11	35	13	24	15	26	17	34
7	7	50	9	49	11	42	13	31	15	34	17	43
9	7	58	9	57	11	50	13	38	15	43	17	52
11	8	5	10	5	11	57	13	46	15	51	18	1
13	8	14	10	12	12	4	13	54	16	0	18	10
15	8	21	10	19	12	11	14	2	16	8	18	19
17	8	29	10	26	12	18	14	10	16	17	18	28
19	8	37	10	33	12	25	14	17	16	25	18	36
21	8	45	10	40	12	32	14	25	16	34	18	45
23	8	53	10	47	12	40	14	33	16	42	18	54
25	9	0	10	55	12	47	14	41	16	51	19	3
27	9	8	11	2	12	54	14	49	16	59	19	12
29	9	15	11	9	13	1	14	57	17	3	19	21

Wing. 1656:

Of the diversity of Seasons and Shadows incident to all Nations.

I. Of them who live right under the Equinoctiall.

The people that have their Zenith placed in the Equinoctiall, have two Summers and two Winters in one year, because that when the Sun is in Aries, he passeth directly over their heads at noon, and likewise when he is in Libra. In like manner they have one Winter when the Sun is in Cancer, which is our Summer, and one Winter when he is in Capricorn, which is our Winter, nevertheless these Winters are not comparable in cold to ours. Moreover they have three sundry Shadows, for when the Sun is in the Equinox, at noon they have no shadow: when he is in the Northern Signes, then they cast their shadows at noon towards the South, and when he is in the Southern, they cast them towards the North; and because these people live in a right Sphere, their Artificiall day is alwaies 12 hours without variation. Such are the people who live in the Islands of Sumatra, Borneo, Tilmada in America, S. Thomas, and the Southern part of East-India, &c.

II. Of them who live between the Equinoctiall and Tropick of Cancer.

They have likewise the Sun passing by the Zenith of their heads twice in a year, so that they have also two Summers, two Winters, and three Shadows, as they have under the Equinoctiall. Under this Parallel are the Philippine and Molucca Islands, Gullf of Bengala, Guinea, New-Spaine, East-India, &c.

III. Of them who live right under the Tropick of Cancer.

Those people whose Zenith is in the Tropick of Cancer, have but one Summer and one Winter in a year, for when the Sun is in Cancer, he is directly over their heads at noon, and their shadow is perpendicular, inclining on neither hand; and when the Sun is in Capricorn, he is farthest removed from them, and then is their Winter, which is not so cold as ours. Under this Climate is the City of Syene placed.

IV. Of them who dwell between the Tropick of Cancer, and the Circle Arctick.

Those people, whose Zenith is between the Tropick of Cancer and the Circle Arctick, have the Sun never verticall over their heads, because he is no sooner attained to his greatest Altitude, but immediately he returneth again southward, and therefore their shadow at noon alwaies tends towards the North, and in this parallel are we situate, and the greatest part of the habitable World.

V. Of those that live under the Circle Arctick.

Those people whose Zenith is placed in the Circle Arctick, have their Zenith in the Pole of the Zodiac, and the Equipick in the Horizon, inasmuch that the Tropick of Cancer is all above the Horizon, and the Tropick of Capricorn all under it, so that the sun being in the first point of Cancer, their Artificiall Day is just 24 hours, and their night nothing, for then they have the Sun in the North, touching the Horizon, from whence he begins to alien: immediately towards the East again; so contrariwise is it to them when the Sun is in the first point of Capricorn, for then their Night is 24 hours, and their Day nothing. Under this parallel lyes Sweibland, Lapland, Finmark, Russia, part of Muscovia, great Tartaria, Island, Ekotiland, the Kingdom of Anian, &c.

VI. Of those that dwell between the Circle Arctique and Pole of the World.

Those People that inhabit this part of the World, have the Horizon cutting the Zodiac in two points equally distant from the beginning of Cancer, so that the Portion of the Zodiac intercepted of them, remains alwayes above the Horizon, in which portion when the sun is, they have continuall day and no night, therefore if the said intercepted portion be one Signe, their Day is a Moneth long without Night, if two Signes, then two moneths long, and so the farther North the longer dayes, till you come under the North Pole, where it is half a year long without any night. And on the contrary you must observe that the like portion of the Zodiac equidistant from the beginning of Capricorn, is alwayes hid under the Horizon, and the Night is long or short, according to the quantity thereof. In this part of the World lyes Nova Zembla, Greenland, Groeland, &c.

VII. Of those that dwell right under the Pole Arctick.

Those people (if there be any) have the Pole for their Zenith, and the Equinoctiall for the Horizon, so that the six Northern Signs are alwayes above the Horizon, and the other six alwayes under it; from whence it followes, that when the Sun is in that half of the Zodiac from Aries to Libra, it is continuall day without night, half a year together; but when he is in the other half, it is continuall night without day. And because the sun is never elevated upon their Horizon, above 3 deg. and half, it followes that their day is intollerably cold at all times, and th: it is ever gross, dark and cloudy, for which cause whether any people inhabit there or no is uncertaine.

VINCENT WING.

FINIS.